SPECIFICATION FOR CLAMPS

1.0 STANDARD

This specification provides for the manufacture and supply of clamps for the RCC, PSC and PCC poles, and street lights with fish plates, for use in distribution lines, fabricated out of 50 x 6mm M.S. Flat, conforming to IS:2062:2006 grade á', or latest version thereof. The hardness of steel should be as per the said I.S.S.

2.0 TYPE

The clamps shall be manufactured as per the following drawings:

i) RCC pole Clamps- BESCOM/GM/QS&S/30.

ii) PSCC 140kg WL pole Clamps- BESCOM/GM/QS&S/31.

iii) PSCC 200kg WL pole Clamps- BESCOM/GM/QS&S/87

3.0 PAINTING/HOT DIP GALVANISING

All structural steel components shall be either painted or hot dip galvanized as per the requirement.

3.1 HOT DIP GALVANISING

All structural steel components shall be hot dip galvanized as per standard practice, in accordance IS 4759 and Zinc coating shall not be less than 610gm/sq.meter.

3.2 PAINTING

All structural steel components shall be painted with two coats of good quality Anti Corrosive Black (ACB) paint after 2 coats of red oxide primer.

4.0 MARKING

The clamps shall be Punched **A, B or C** Letters depending on type of clamp and "**BESCOM"** on each clamp.

5.0 SAMPLE

The Contractor shall submit two samples and get them approved by the competent authority before taking up the manufacture. The two approved samples will be kept as under

i) One approved sample will be with the manufacturer at the manufacturing premises so that the inspecting officer can

inspect the materials offered for inspection with reference to the approved sample.

ii) The second approved sample will be kept at BESCOM stores, Rajajinagar, Bangalore.

6.0 PACKING

The clamps shall be securely packed in 25 Nos. bunches tied with a GI wire and 4 such bunches shall be supplied in Gunny bags for easy handling, to avoid damages during transport.

7.0 WEIGHT

The weight of each type of clamps is noted below: The clamps shall be supplied as per the drawings:

i) RCC Pole clamps: 'A' Type: 1.104kgs

ii) PSCC140kg WL Pole clamps: 'A' Type: 1.038 kgs.

iii) PSCC 200kg WL Pole clamps: 'A' Type: 1.073 kgs

Tolerance in weight ±4%.

General Manager
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